



METAL FABRICATION



Solutions for Cutting, Grinding, Cleaning and Finishing.



A worker wearing a hard hat and safety gear is using a power tool to grind a metal part. A large spray of sparks is flying out from the tool. The background is a blurred industrial setting.

As an industry leader and global manufacturer of surface conditioning solutions, Weiler Abrasives is dedicated to forging collaborative relationships with our customers to tackle their toughest cleaning, grinding, cutting, deburring, and finishing challenges.

WHY WEILER



Weiler's **heritage dates to 1879**. Today, the tradition of excellence continues under the leadership of the fourth generation, Chris Weiler, President/CEO. Having grown from a power brush manufacturer to a global surface conditioning problem-solver, Weiler's mission is to partner with our customers and distributors to ensure their businesses stay productive and profitable. Our people, products and our strong desire to win deliver a competitive edge for our partners.

Weiler products are designed with productivity in mind.

Work Faster: Weiler products are designed to provide superior performance through maximum aggression and long life. That means you get your work done faster and more efficiently.

Work Safer: Weiler products are designed and manufactured to the strictest standards to ensure the highest level of quality and safety.

Work Better: We partner with you to improve your productivity and drive cost out of your business.

Weiler shares your goals of growth and profitability. For both, you need the right tools for the job. We don't just supply those products — we work with you to create solutions. Because that's what you deserve from a partner.

Weiler. Your partner in success.

THINK SAFETY



WARNING: Failure to observe safety precautions may result in injury.

Many manufacturers mark some safety warnings, recommendations and usage restrictions directly on the product. However, it is not always practical to include even the most limited safety information on the product itself. Therefore, the operator **MUST READ** and **FOLLOW** all instructions supplied in or on the product container as well as those marked on the product.

SAFETY AND QUALITY STANDARDS

Weiler power brushes and abrasives conform to the EN standards listed below. All operators of power brushes and abrasives must comply with these safety standards.

- EN 1083-2 "Power-driven brushes. Safety requirements"
- EN 12413 "Safety requirements for bonded abrasive products"
- EN 13743 "Safety requirements for coated abrasive products"

Weiler operates in accordance with the **ISO 9001:2008** quality standard and the **ISO 14001:2004** environmental standard.

Weiler is a full member of the international Organization for the Safety of Abrasives (oSa) that unites leading manufacturers of abrasive tools. The main mission of oSa's members is to assure the safety compliance and testing of their products in the accordance with the organization's regulations and the EN abrasive standards and to distinguish abrasives with an assured safety level from those with unknown safety.

Weiler is also a direct member of the Federation of European Producers of Abrasives (FEPA), which unites over 200 abrasives companies. FEPA's mission is to promote, inform and support its members and their end users with safety, health, environment and standardization of abrasives.



Safety Goggles / Face Shield



Protective Clothing



Hearing Protection



Safety Gloves



Respiratory Protection



Speed



Tool Guard



GET THE MOST DEMANDING JOBS DONE RIGHT AND DONE FAST.

CUTTING & GRINDING WHEELS

Best-in-class cutting and grinding wheels save you time and money.

- Selection Guide** 6-7
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- Grinding Wheels**..... 14-15
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FLAP DISCS

Metalynx flap discs are engineered to deliver maximum performance in the toughest applications.

- Selection Guide** 17-18
- Flap Discs** 19-21

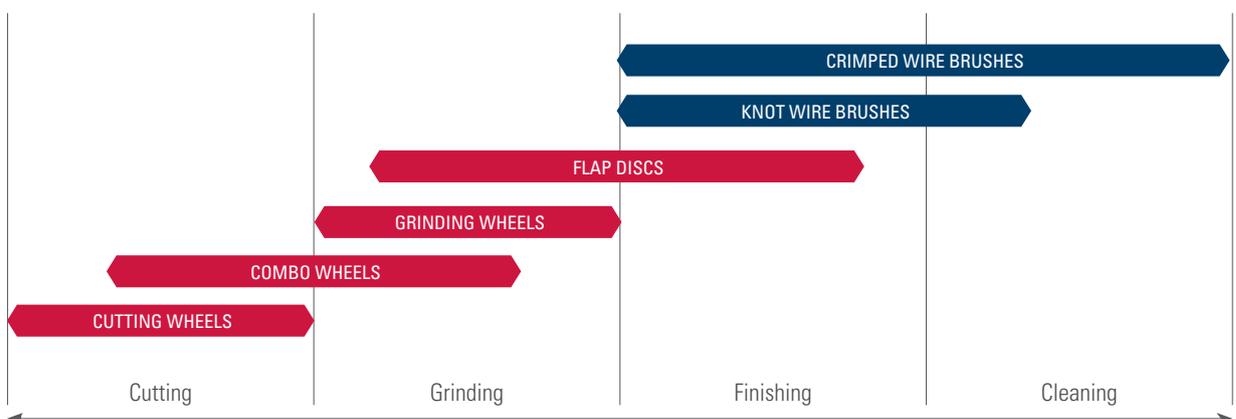
WIRE BRUSHES

Clean faster and better with Weiler's welding brushes.

- Selection Guide** 22-23
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PRODUCT SELECTION

Cutting, grinding, cleaning, or finishing. Weiler can help you select the right product to get the job done right, and done fast.





CUTTING & GRINDING WHEELS

Weiler's cutting and grinding wheels help Metal Fabrication professionals get the most demanding jobs done right, and done fast. Our high quality line helps you select the best solution for your toughest jobs. Whether you're looking for serious stock removal, beveling, grinding, notching or cutting, Weiler will get it done for you.



MAX PERFORMANCE LINE

Maximize productivity with a superior combination of life and cut rate. Metalynx Max removes material effortlessly while providing outstanding product life.

BEST ON:

Steel, Stainless, Tool Steel, Inconel, High Nickel Alloy, Titanium, Armored Steel



PRO PERFORMANCE LINE

Metalynx Pro wheels deliver the right combination of performance and value. This versatile line offers a long life solution for all your general purpose applications.

BEST ON:

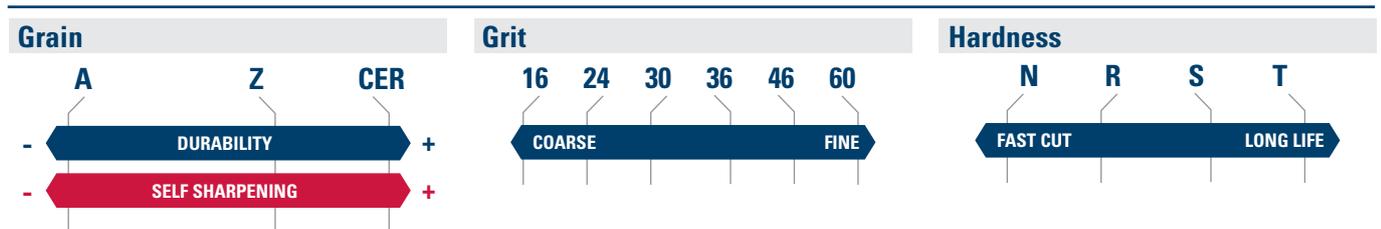
Carbon Steel, Structural Steel, Stainless Steel, Iron and general purpose metal use

FEATURES & BENEFITS

	MAX	PRO
Cool cutting ceramic grains grind faster and stay sharp longer for maximum productivity.	✓	
UltraCut wheels deliver lightning fast, accurate, clean cuts.	✓	
Smooth outer layer on cutting wheels reduces friction which translates to an effortless cut and less kickback.	✓	✓
Self-sharpening grain retains high cutting performance throughout the life of the wheel.	✓	✓
Strong resin bond delivers a long cutting life that keeps professionals productive.	✓	✓
Contaminant-free INOX provides a worry free solution for stainless steel.	✓	✓
Reinforcement rings strengthen the arbor hole and ensure optimal balance.	✓	✓

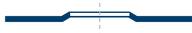
GRAIN / GRIT / GRADE

Selecting the best grain, grit and grade combination for your application can increase wheel effectiveness and user productivity. Use the charts below to help pick the right wheel for the job.



TYPE

Selecting the best wheel type for your application increases wheel effectiveness and user productivity.

CUTTING		GRINDING
<p>Type F41 (Flat)</p>  <p>Flat profile allows for deep cuts</p>	<p>Type F42 (Depressed Center)</p>  <p>Added clearance when working at a constrained angle</p>	<p>Type F27 (Depressed Center)</p>  <p>Flat profile with depressed center allows for a wide range of grinding angles (0-45)</p>

LEGEND



THIN CUTTING FOR ANGLE GRINDERS



UltraCut wheels deliver unmatched cutting performance and toughness with a TRUE 1 mm thickness. Proprietary SOLID CORE technology increases density of the wheels, resulting in longer life, reduced friction, and superior stability. From the first cut, operators will experience lightning fast, smooth cutting, and exceptional control for clean, precise cuts on thin sheet metal, profiles, and small diameter rods.

FEATURES:

- **Lightning Fast Cuts** — 20% faster than the closest competitor.
- **Long Life** — Maximize cuts per wheel, reducing change-overs and cost of use.
- **Reduced Burrs** — Super smooth cuts create smaller, cleaner seams for easier welding.
- **Consistency** — A TRUE 1 mm thickness delivers consistency for precision cutting.
- **Greater Stability** — Increased wheel density through SOLID CORE technology provides superior wheel stability and optimum safety.



388479

MAX INOX ULTRACUT 1 mm Thin Cutting Wheels Contaminant-free* for stainless.

			F41	
Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	Standard Pack	Item Number
115 x 0,75 x 22,23	UC20A60R-BF	13300	25	388474
115 x 1 x 22,23	UC20A60R-BF	13300	25	388475
125 x 0,75 x 22,23	UC20A60R-BF	12250	25	388478
125 x 1 x 22,23	UC20A60R-BF	12250	25	388479

*Contaminant-free, less than 0.1% Fe, S, Cl



388459

MAX INOX & METAL ULTRACUT 1 mm Thin Cutting Wheels Fast cut and long life on metal.

			F41	
Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	Standard Pack	Item Number
115 x 1 x 22,23	UC20A60S-BF	13300	25	388455
125 x 1 x 22,23	UC20A60S-BF	12250	25	388459

CUTS
20%
FASTER
than the closest
competitor

PROPRIETARY
**SOLID
CORE**
TECHNOLOGY

increases wheel density,
resulting in longer life,
reduced friction, &
superior stability

A TRUE
1 mm
THICKNESS

delivers precise, consistent
cuts you can count on



TRUE 1 mm

STANDARD 1,2 mm

CUTTING FOR ANGLE GRINDERS



Our diverse line of cutting wheels provide a consistent, well balanced, high performance solutions. For the professional who wants to get the most demanding jobs done right, and done fast.

CERAMIC FEATURES:

- **Thin cutting** wheels deliver accurate, clean cuts.
- **Dual reinforcement** provides added strength for aggressive cutting.
- **Contaminant-free** wheels provide a worry-free solution for stainless and metal applications.
- **Smooth outer layer** reduces friction that translates to an effortless cut and less kickback.
- **Best result** achieved with high power angle grinders.

MAX CERAMIC Cutting Wheels

Superior life and cut on INOX & metal.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
115 x 1,6 x 22,23	CER46T-BF	13300	25	388607
125 x 1,6 x 22,23	CER46T-BF	12250	25	388611
230 x 2 x 22,23	CER46T-BF	6650	25	388617

*Contaminant-free, less than 0.1% Fe, S, Cl



388611

ALUMINUM FEATURES:

- **Superior life & cut rate** on aluminum applications.
- **Thin cutting** wheels deliver accurate, clean cuts.
- **Dual reinforcement** provides added strength for aggressive cutting.
- **Contaminant-free** wheels provide a worry-free solution for aluminum applications.
- **Smooth outer layer** reduces friction that translates to an effortless cut and less kickback **without loading**.

MAX ALUMINUM Cutting Wheels

Superior life and cut rate on aluminum and soft metals.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
115 x 1 x 22,23	E54A60S-BF	13300	25	388405
125 x 1,6 x 22,23	E54A46S-BF	12250	25	388411

*Contaminant-free, less than 0.1% Fe, S, Cl



388411



Our diverse line of cutting wheels provide a consistent, well balanced, high performance solutions. For the professional who wants to get the most demanding jobs done right, and done fast.

FEATURES:

- **Thin cutting** wheels deliver accurate, clean cuts.
- **Dual reinforcement** provides added strength for aggressive cutting.
- **Contaminant-free** INOX wheels provide a worry-free solution for stainless steel applications.
- **Smooth outer layer** reduces friction that translates to an effortless cut and less kickback.
- **Superior life & cut rate** for maximum productivity.



388487

MAX INOX & METAL Cutting Wheels

Contaminant-free* for stainless.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41		F42	
			Standard Pack	Item Number	Standard Pack	Item Number
115 x 1,6 x 22,23	E20A46S-BF	13300	25	388477	—	—
125 x 1,2 x 22,23	E20A60S-BF	12250	25	388480	—	—
125 x 1,6 x 22,23	E20A46S-BF		25	388481	—	—
125 x 2 x 22,23	E20A36R-BF		25	388527	—	—
125 x 2,5 x 22,23	E20A30R-BF		—	—	25	388528
125 x 3,2 x 22,23	E20A30R-BF		—	—	25	388529
150 x 1,6 x 22,23	E20A46S-BF	10200	25	388483	—	—
150 x 2 x 22,23	E20A30R-BF		25	388531	—	—
150 x 2,5 x 22,23	E20A30R-BF		25	388533	—	—
150 x 3,2 x 22,23	E20A30R-BF		—	—	25	388534
180 x 1,6 x 22,23	E20A46S-BF	8500	25	388485	—	—
230 x 1,9 x 22,23	E20A46S-BF	6650	25	388487	25	388488
230 x 2 x 22,23	E20A36R-BF		25	388537	25	388538
230 x 2,5 x 22,23	E20A30R-BF		25	388539	—	—

*Contaminant-free, less than 0.1% Fe, S, Cl



388467

MAX METAL Cutting Wheels

Fast cut and long life on metal.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41		F42	
			Standard Pack	Item Number	Standard Pack	Item Number
115 x 1,6 x 22,23	EA46T-BF	13300	25	388457	—	—
125 x 1,6 x 22,23	EA46T-BF	12250	25	388461	—	—
125 x 2 x 22,23	EA36T-BF		25	388497	—	—
125 x 2,5 x 22,23	EA30T-BF		—	—	25	388498
180 x 1,6 x 22,23	EA46T-BF	8500	25	388465	—	—
230 x 1,9 x 22,23	EA46T-BF	6650	25	388467	25	388468
230 x 2 x 22,23	EA36T-BF		25	388508	—	—
230 x 2,5 x 22,23	EA30T-BF		25	388510	—	—



Metalynx Pro cutting wheels deliver a fast cut rate and consistent performance at a great value. An aggressive, hard working product line for every day general purpose use.

PRO INOX & METAL Cutting Wheels
Contaminant-free* for stainless.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41		F42	
			Standard Pack	Item Number	Standard Pack	Item Number
100 x 1 x 16	20A60R-BF	15300	25	388221	—	—
100 x 1,6 x 16	20A46R-BF		25	388223	—	—
100 x 3,2 x 16	20A30R-BF		—	—	25	388281
115 x 1 x 22,23	20A60R-BF	13300	25	388225	—	—
115 x 1,6 x 22,23	20A46R-BF		25	388227	—	—
115 x 3,2 x 22,23	20A30R-BF		—	—	25	388286
125 x 1 x 22,23	20A60R-BF	12250	25	388229	—	—
125 x 1,6 x 22,23	20A46R-BF		25	388231	—	—
125 x 2 x 22,23	20A36R-BF		25	388287	—	—
125 x 2,5 x 22,23	20A30R-BF		—	—	25	388288
125 x 3,2 x 22,23	20A30R-BF		—	—	25	388290
150 x 1,6 x 22,23	20A46R-BF		10200	25	388233	—
180 x 1,6 x 22,23	20A46R-BF	8500	25	388235	—	—
180 x 2,5 x 22,23	20A30R-BF		25	388295	—	—
180 x 3,2 x 22,23	20A30R-BF		—	—	25	388296
230 x 1,9 x 22,23	20A46R-BF		6650	25	388237	25
230 x 2 x 22,23	20A36R-BF	—	25	388297	25	388298
230 x 2,5 x 22,23	20A30R-BF	—	25	388299	—	—



*Contaminant-free, less than 0.1% Fe, S, Cl

PRO METAL Cutting Wheels
Fast cutting on metal.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41		F42	
			Standard Pack	Item Number	Standard Pack	Item Number
100 x 3,2 x 16	A30S-BF	15300	25	388251	—	—
115 x 1 x 22,23	A60S-BF	13300	25	388205	—	—
115 x 1,6 x 22,23	A46S-BF		25	388207	—	—
115 x 3 x 22,23	A30S-BF		25	388255	—	—
115 x 3,2 x 22,23	A30S-BF		—	—	25	388256
125 x 1 x 22,23	A60S-BF	12250	25	388209	—	—
125 x 1,6 x 22,23	A46S-BF		25	388211	—	—
125 x 2 x 22,23	A36S-BF		25	388257	—	—
125 x 2,5 x 22,23	A30S-BF		—	—	25	388258
125 x 3 x 22,23	A30S-BF		25	388259	—	—
125 x 3,2 x 22,23	A30S-BF		—	—	25	388260
180 x 1,6 x 22,23	A46S-BF	8500	25	388215	—	—
180 x 2,5 x 22,23	A30S-BF		25	388265	—	—
180 x 3,2 x 22,23	A30S-BF		—	—	25	388266
230 x 1,9 x 22,23	A46S-BF	6650	25	388217	25	388218
230 x 2 x 22,23	A36S-BF		25	388267	25	388268
230 x 2,5 x 22,23	A30S-BF		25	388269	25	388270
230 x 3 x 22,23	A30S-BF		25	388271	—	—
230 x 3,2 x 22,23	A30S-BF		—	—	25	388272



SMALL CUTTING FOR DIE GRINDERS



Metalynx Pro cutting wheels deliver a fast cut rate and consistent performance at a great value. An aggressive, hard working product line for every day general purpose use.



PRO INOX & METAL Small Diameter Cutting Wheels

Contaminant-free* for stainless.



388185

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
50 x 1 x 6	20A60R-BF	30600	100	388181
50 x 2 x 6	20A36R-BF			388183
50 x 1 x 10	20A60R-BF			388182
65 x 1 x 6	20A60R-BF	23500	100	388185
76 x 1 x 6	20A60R-BF	20100	100	388191
76 x 1,6 x 6	20A46R-BF			388193
76 x 1 x 10	20A60R-BF			388192
76 x 1,6 x 10	20A46R-BF			388194

*Contaminant-free, less than 0.1% Fe, S, Cl

LARGE CUTTING FOR SAWS



Metalynx Pro cutting wheels deliver a fast cut rate and consistent performance at a great value. An aggressive, hard working product line for every day general purpose use.

PRO METAL Large Diameter Chop Saw Cutting Wheels

Fast cutting on metal.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
300 x 2,8 x 25,4	A36P-BF	5100	25	388353
350 x 3 x 25,4	A36P-BF	4400	10	388356
400 x 3,2 x 25,4	A36P-BF	3850	10	388358



388356

PRO METAL Large Diameter Gas Saw Cutting Wheels

Fast cutting on metal.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
300 x 3,7 x 20	A30S-BF	5100	25	388361
300 x 3,7 x 22,23				388362
300 x 3,7 x 25,4				388363
350 x 4 x 22,23	A30S-BF	5500	10	388365
350 x 4 x 25,4				388366
400 x 4 x 25,4	A30S-BF	4800	10	388368



388361

PRO METAL Large Diameter Stationary Saw Cutting Wheels

Fast cutting on metal.



Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F41	
			Standard Pack	Item Number
300 x 3,7 x 25,4	A30S-BF	6400	25	388371
350 x 3,8 x 25,4	A30S-BF	5500	10	388376
350 x 3,8 x 32				388377
400 x 4,5 x 25,4	A24S-BF	4800	10	388378
400 x 4,5 x 32				388379
400 x 4,5 x 40				388380



388376

GRINDING FOR ANGLE GRINDERS



Metalynx grinding wheels help Metal Fabrication professionals get the most demanding jobs done right, and done fast.

FEATURES:

- Ceramic grinding wheels deliver the **fastest grinding with the least effort**.
- **Triple fiberglass reinforcement** provides added strength for aggressive stock removal.
- INOX is ideal for **stainless steel** and other hard-to-grind metals.



388627

MAX CERAMIC Grinding Wheels

Superior life and fast grinding on metal.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F27	
			Standard Pack	Item Number
115 x 7 x 22,23	CER24T-BF	13300	10	388625
125 x 7 x 22,23	CER24T-BF	12250	10	388627
180 x 7 x 22,23	CER24T-BF	8500	10	388635
230 x 7 x 22,23	CER24T-BF	6650	10	388637

*Contaminant-free, less than 0.1% Fe, S, Cl

Best results achieved with high power angle grinders.



388577

MAX INOX & METAL Grinding Wheels

Contaminant-free* for stainless.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F27	
			Standard Pack	Item Number
115 x 7 x 22,23	E20A24R-BF	13300	10	388575
125 x 7 x 22,23	E20A24R-BF	12250	10	388577
150 x 7 x 22,23	E20A24R-BF	10200	10	388579
180 x 7 x 22,23	E20A24R-BF	8500	10	388585
230 x 7 x 22,23	E20A24R-BF	6650	10	388587

*Contaminant-free, less than 0.1% Fe, S, Cl



388557

MAX METAL Grinding Wheels

Fast grinding and long life on metal.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F27	
			Standard Pack	Item Number
115 x 7 x 22,23	EA24S-BF	13300	10	388555
125 x 7 x 22,23	EA24S-BF	12250	10	388557
180 x 7 x 22,23	EA24S-BF	8500	10	388565
230 x 7 x 22,23	EA24S-BF	6650	10	388567





Metalynx Pro grinding wheels deliver consistent performance and fast grinding at a great value. An aggressive, hard working product line for every day general purpose use.



PRO INOX & METAL Grinding Wheels

Contaminant-free* for stainless.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F27	
			Standard Pack	Item Number
100 x 6,5 x 16	20A24R-BF	15300	10	388321
115 x 6,5 x 22,23	20A24R-BF	13300	10	388325
125 x 6,5 x 22,23	20A24R-BF	12250	10	388327
180 x 6,5 x 22,23	20A24R-BF	8500	10	388335
230 x 6,5 x 22,23	20A24R-BF	6650	10	388337

*Contaminant-free, less than 0.1% Fe, S, Cl



388327



PRO METAL Grinding Wheels

Fast grinding on metal.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹	F27	
			Standard Pack	Item Number
100 x 6,5 x 16	A24S-BF	15300	10	388301
115 x 6,5 x 22,23	A24S-BF	13300	10	388305
125 x 6,5 x 22,23	A24S-BF	12250	10	388307
180 x 6,5 x 22,23	A24S-BF	8500	10	388315
230 x 6,5 x 22,23	A24S-BF	6650	10	388317



388307

CUT & GRIND FOR ANGLE GRINDERS



Metalynx cutting and grinding Combination Wheels help Metal Fabrication professionals get the most demanding jobs done right, and done fast. These wheels offer flexibility and efficiency when switching between cutting and grinding applications. **A specially engineered third layer of fiberglass reinforcement** provides the strength for grinding, while maintaining a fast cut.

FEATURES:

- **Avoid change-overs** with combo wheels that cut and grind.
- **Triple fiberglass reinforcement** provides added strength for aggressive stock removal.
- INOX & Metal wheels offer **contaminant-free** options for stainless steel.



388530

MAX INOX & METAL Cut & Grind Combo Wheels

Contaminant-free* for stainless.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹
125 x 3,4 x 22,23	E20A30R-BF	12250
150 x 3,4 x 22,23	E20A30R-BF	10200

*Contaminant-free, less than 0.1% Fe, S, Cl



F27

Standard Pack	Item Number
25	388530
25	388535



Metalynx Combination Wheels offer flexibility and efficiency when switching between cutting and grinding applications. **A specially engineered third layer of fiberglass reinforcement** provides the strength for grinding, while maintaining a fast cut.



388326

PRO INOX & METAL Cut & Grind Combo Wheels

Contaminant-free* for stainless.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹
100 x 3,4 x 16	20A24R-BF	15300
100 x 4 x 16	20A24R-BF	15300
125 x 4 x 22,23	20A24R-BF	12250
180 x 4 x 22,23	20A24R-BF	8500
230 x 4 x 22,23	20A24R-BF	6650

*Contaminant-free, less than 0.1% Fe, S, Cl



F27

Standard Pack	Item Number
25	388282
10	388320
10	388326
10	388334
10	388336



388306

PRO METAL Cut & Grind Combo Wheels

Fast cutting and grinding on metal.

Dimensions D x T x H mm	Grade	Max. RPM min ⁻¹
100 x 4 x 16	A24S-BF	15300
125 x 4 x 22,23	A24S-BF	12250
180 x 4 x 22,23	A24S-BF	8500
230 x 4 x 22,23	A24S-BF	6650



F27

Standard Pack	Item Number
10	388300
10	388306
10	388314
10	388316



FLAP DISCS

Weiler's coated abrasive flap discs grind and finish in one step, saving you time and money. Use the information provided to help select the right solution for your application.



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Page 19



Page 20



MAX PERFORMANCE LINE

Maximize productivity with a superior combination of life and cut rate. Ceramic and Zirconia Alumina grain options provide cool, fast-cutting action, allowing you to do more work, more quickly. Discs are contaminant-free, Iron, Sulfur and Chlorine less than 0.1%.

BEST ON:

Steel, Stainless, Tool Steel, Inconel, High Nickel Alloy, Titanium, Armored Steel

PRO PERFORMANCE LINE

Metalynx Pro flap discs are designed to deliver performance, consistency, reliability and quality when grinding and finishing metal. Discs are contaminant-free, Iron, Sulfur and Chlorine less than 0.1%.

BEST ON:

Carbon Steel, Structural Steel, Stainless Steel, Iron and general purpose metal use

STYLE / TYPE

CONICAL STYLE

Type F29



15° – 25°

Maximum aggression for fast stock removal. The angle provides greater surface contact for maximum stock removal.

ANGLED STYLE

Type F27



0° – 35°

Curved flaps contour perfectly for fillet weld grinding while also allowing for efficient flat surface grinding.

GRAIN



CERAMIC ALUMINA (CER)



- Self-sharpening multi crystals with predetermined fracture points
- Self-sharpening
- Maintains cut-rate for 75% of life
- Ideal for tough materials



ZIRCONIA ALUMINA (Z)

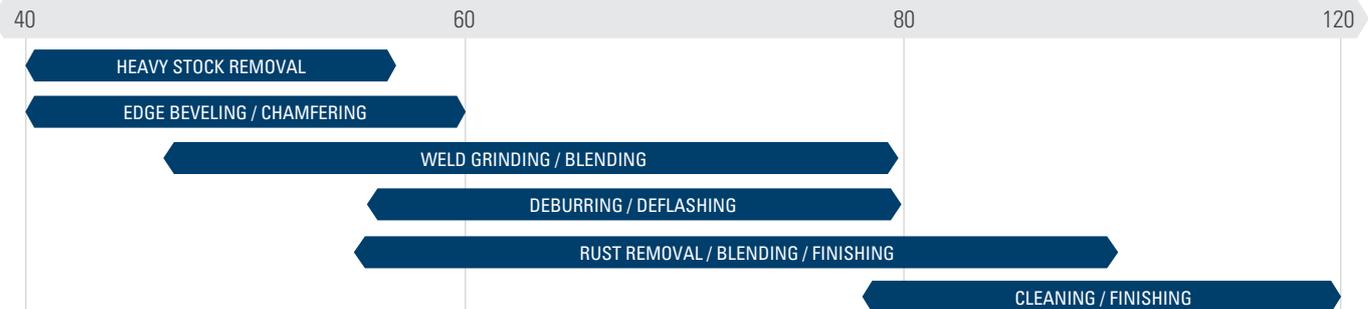


- Self-sharpening multi crystals
- Holds up under extreme pressure
- Self-sharpening
- For fast grinding

GRIT

Coarse Grit

Fine Grit



F29 FLAP DISCS FOR GRINDERS



Maximize productivity with a superior combination of life and grinding speed. Ceramic and zirconia alumina grain options provide cool, fast-grinding action, allowing you to do more work, more quickly. Discs are contaminant-free, Iron, Sulfur and Chlorine less than 0.1%.

MAX CERAMIC Conical Flap Discs

Ceramic Alumina / Phenolic Backing / Contaminant-free* for stainless.



Dimensions D x H mm	Grit	Max. RPM min ⁻¹	F29	
			Standard Pack	Item Number
115 x 22,23	40	13300	10	388921
	60			388922
125 x 22,23	40	12250	10	388931
	60			388932
180 x 22,23	40	8500	10	388951
	60			388952

*Contaminant-free, less than 0.1% Fe, S, Cl



388931

MAX ZIRC Conical Flap Discs

Zirconia Alumina / Phenolic Backing / Contaminant-free* for stainless.



Dimensions D x H mm	Grit	Max. RPM min ⁻¹	F29	
			Standard Pack	Item Number
100 x 16	40	15300	10	388861
	60			388862
	80			388863
115 x 22,23	40	13300	10	388871
	60			388872
	80			388873
125 x 22,23	40	12250	10	388881
	60			388882
	80			388883
180 x 22,23	40	8500	10	388901
	60			388902
	80			388903

*Contaminant-free, less than 0.1% Fe, S, Cl



388882

F29 FLAP DISCS FOR GRINDERS



Metalynx Pro flap discs are designed to deliver performance, consistency and reliability when grinding and finishing metal. Discs are contaminant free, Iron, Sulfur and Chlorine less than 0.1%.



PRO ZIRC Conical Flap Discs
Zirconia Alumina / Phenolic Backing / Contaminant-free* for stainless.



388823

Dimensions D x H mm	Grit	Max. RPM min ⁻¹	F29	
			Standard Pack	Item Number
100 x 16	40	15300	10	388801
	60			388802
	80			388803
	120			388805
115 x 22,23	40	13300	10	388811
	60			388812
	80			388813
	120			388815
125 x 22,23	40	12250	10	388821
	60			388822
	80			388823
	120			388825
180 x 22,23	40	8500	10	388841
	60			388842
	80			388843
	120			388845

*Contaminant-free, less than 0.1% Fe, S, Cl

F27 FLAP DISCS FOR GRINDERS



F27 Angled flap discs deliver an aggressive, long life solution for grinding fillet welds, T-joints and other hard-to-reach places. The 90° angled flap design forms perfectly into angles while the phenolic back provides stability to the flaps. This combination optimizes flap-to-metal contact, resulting in exceptional feel and control for the operator while grinding and finishing.



Metalynx Angled Delivers a Competitive Advantage:

- **Smooth Finish in Fillets** – While grinding fillet welds, the angled flaps reduce the risk of gouging the work-piece.
- **Flexibility of Approach** – Angled flaps allow the operator to grind at a higher or lower angle, getting into hard-to-reach places more easily.
- **Aggressive Grinding** – Removes more material in less time so you get the job done faster.
- **Long Life** – Grinds longer on steel, stainless, aluminum and other hard-to-grind metals, lowering cost of use.

MAX CERAMIC Angled Flap Discs

Ceramic Alumina / Phenolic Backing / Contaminant-free* for stainless.

			F27	
Dimensions D x H mm	Grit	Max. RPM min ⁻¹	Standard Pack	Item Number
115 x 22,23	40	13300	10	388971
115 x 22,23	60			388972
125 x 22,23	40	12250	10	388976
125 x 22,23	60			388977

*Contaminant-free, less than 0.1% Fe, S, Cl



388977

Ideal Applications:

- Fillet welds
- T-Joints
- Hard-to-reach places
- Repair and re-work

SMOOTH FINISH

when grinding Fillet welds & T-joints

FLEXIBILITY OF APPROACH

flap design allows you to grind from a wider range of angles

MORE GRIT OPTIONS

gives you the finish and aggression you want

ATTACKS METAL

removing more material in less time



TOP COAT (Ceramic only) grinds cooler to protect valuable parts and prevents loading on softer alloys



BRUSHES

Need to clean a surface without removing base material? Nothing beats a power-driven wire brush for cleaning hot welds. The high quality wheels, end and cup brushes from Weiler can effectively handle corrosion, scale removal, inter-pass weld cleaning, and many other jobs. The varied product configurations in our lineup offer optimal speed and effectiveness for any job.

WIRE WHEELS

Best for weld beads and targeted cleaning
Page 24



CUP BRUSHES

Best for large surface areas
Page 25



END BRUSHES

Best for recessed areas and corners
Page 25



BEVEL BRUSHES

Best for fillet welds and corners
Page 24



STEM-MOUNTED BRUSHES

Best for cleaning ID's, threads, and recessed areas
Page 26



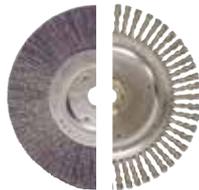
WIRE SIZE



CRIMPED VS. KNOT

Crimped Wire Brushes

- Greater flexibility
- Less aggressive
- Broad range of applications
- Ideal for irregular surfaces



Knot Wire Brushes

- Less flexible
- More aggressive
- High-impact action

KNOT TYPE

Standard Twist (12mm)



Provides a large footprint and some flexibility for use on irregular surfaces.

Hurricane Twist



Provides smoother operation and long life.

Stringer Bead Twist (6mm)



Ideal for high-impact action. Used for tight areas, corners, and root pass weld cleaning.

TRIM LENGTH

Long Trim

- Greater flexibility
- Shorter life



Short Trim

- Stiff & aggressive
- Longer life

FILL MATERIAL

Steel Wire

Carbon steel wire is the most durable power fill material for metalworking and heavy-duty cleaning applications.



Stainless Wire

For brushing corrosion-resistant or non-ferrous metals such as stainless or aluminum or when the brush is being used in a wet environment.

POWER WIRE BRUSHES



Knot wire wheels are used on angle grinders for tough cleaning jobs. Featuring Weiler's individual knot hole construction, these radial brushes are available in heat-treated steel and type 302 stainless steel.

APPLICATIONS:

- Weld preparation and cleaning
- Cleaning scale and heavy corrosion
- Removing heavy burrs from large pieces after cutting



386122

KNOT WHEEL BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Arbor	Thickness mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
						Steel	Stainless
Stringer Bead Twist							
115	0,5	22,2 mm	6	12500	10	386120	—
125	0,5	22,2 mm	6	12500	5	386121	—
178	0,5	22,2 mm	6	9000	10	386122	—
Standard Twist							
75	0,5	6 mm	12	20000	10	386111	—
115	0,5	22,2 mm	12	12500	10	386113	386112
125	0,5	22,2 mm	12	12500	10	386116	386115
150	0,5	22,2 mm	12	11000	10	386118	—
178	0,5	22,2 mm	12	9000	10	386119	—



386089

KNOT BEVEL BRUSHES

Steel wire / Hurricane twist



Diameter mm	Wire Size mm	Arbor	Thickness mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
						Steel	Stainless
100	0,5	M14	14	12500	10	386089	—
115	0,5	M14	14	12500	10	386090	—



386088

CRIMPED BEVEL BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Arbor	Thickness mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
						Steel	Stainless
100	0,3	M14	12	12500	10	386088	386087

Cup brushes are used on portable tools for cleaning large surfaces faster than a wheel brush.

APPLICATIONS:

- Removing paint and coatings
- Cleaning rust, scale, and corrosion
- Deburring
- Weld prep and cleaning

KNOT CUP BRUSHES

Steel and stainless wire / Hurricane twist



Diameter mm	Wire Size mm	Arbor	Max. RPM min ⁻¹	Standard Pack	Item Number	
					Steel	Stainless
65	0,5	M14	12500	1	386108	386106
	0,35				386107	—
72	0,5	M14	11000	1	386109	—
100	0,5	M14	8600	1	386110	—



386110

CRIMPED CUP BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Arbor	Max. RPM min ⁻¹	Standard Pack	Item Number	
					Steel	Stainless
65	0,3	M14	12500	1	386099	386098
75	0,3	M14	12500	1	386100	—
100	0,3	M14	8600	1	386101	—



386100

End brushes are used on high-speed power tools for cleaning small surfaces and recessed areas. End brushes feature an integral 6 mm steel stem for safe operation at high speed and quick mounting into the collet or chuck of either electric or pneumatic die grinders.

APPLICATIONS:

- Cleaning ID's, internal passages and recessed areas
- Deburring internal edges and crosshole intersections
- Removal of die flash and excess molded material
- Spot facing

KNOT END BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Trim Length mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
					Steel	Stainless
20	0,35	25,4	22000	10	386105	386104



386105

CRIMPED END BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Trim Length mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
					Steel	Stainless
25	0,15	22,4	20000	10	—	386102
30	0,26	22,4	20000	10	386103	—



386102

Crimped wire wheels with 6 mm stems are used on high speed tools or electric drills for cleaning small surfaces.

APPLICATIONS:

- Cleaning and finishing ID's and recessed areas
- Paint removal and surface cleaning
- Cleaning threads
- Light deburring



STEM-MOUNTED CRIMPED WHEEL BRUSHES

Steel and stainless wire



Diameter mm	Wire Size mm	Face Width mm	Trim Length mm	Max. RPM min ⁻¹	Standard Pack	Item Number	
						Steel	Stainless
50	0,3	16	25	20000	10	386093	386091
70	0,3	18	25	15000	10	386095	386094

Utility brushes featuring a 6,4 mm stem are for smaller jobs and are recommended for use on electric drills for light-duty cleaning.

APPLICATIONS:

- Removing paint and coatings
- Cleaning rust, scale, and corrosion
- Deburring
- Weld prep and cleaning



STEM-MOUNTED UTILITY BRUSHES

Steel wire



Diameter mm	Wire Size mm	Face Width mm	Trim Length mm	Max. RPM min ⁻¹	Standard Pack	Item Number
Wheel Brushes						
50	0,3	8	25	4500	10	386092
75	0,3	10	25	4500	10	386096
100	0,3	10	25	4500	10	386097
Cup Brushes						
50	0,3	—	16	4500	10	386123
75	0,3	—	20	4500	10	386124

SCRATCH BRUSHES



Weiler's extensive scratch brush offering includes many block and handle types and sizes. The wide variety of fill materials available assures the right brush for the right job.

APPLICATIONS:

- Cleaning dirt, rust, scale, chips and paint
- Use in plating and welding operations

LARGE SCRATCH BRUSHES

Hardwood block

Overall Length mm	Brush Length mm	Number of Rows	Trim Length mm	Standard Pack	Item Number
0,35 mm Straight Steel Wire					
290	120	3	25	12	388000
		4			388001
		5			388002
0,30 mm Straight Stainless Wire					
290	120	4	25	12	388003
0,35 mm Straight Brass Wire					
290	120	4	25	12	388004



388002

LARGE SCRATCH BRUSHES

Strip style - Plastic block

Overall Length mm	Brush Length mm	Number of Rows	Trim Length mm	Standard Pack	Item Number
0,3 mm Crimped Steel Wire					
241	127	1	32	12	388007
0,3 mm Crimped Stainless Wire					
241	127	1	32	12	388008
0,3 mm Crimped Brass Wire					
241	127	1	32	12	388009



388008

SMALL SCRATCH BRUSHES

Wood block

Overall Length mm	Brush Length mm	Number of Rows	Trim Length mm	Standard Pack	Item Number
0,15 mm Crimped Stainless Wire					
191	35	3	13	36	388010
0,15 mm Crimped Brass Wire					
191	35	3	13	36	388011



388011

THE WEILER PROMISE

At Weiler, we passionately embrace change to improve our products and our processes to move the company and our customers forward. By bringing new ideas and creative problem solving together in an open, collaborative environment, we will improve our customers' productivity and create profitable growth.



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